

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE <b>J</b>		PAGE OF PAGES <b>1   4</b>	
2. AMENDMENT/MODIFICATION NO. <b>0007</b>		3. EFFECTIVE DATE <b>11-Sep-2002</b>		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY CODE <b>DAKF40</b>  INSTALLATION BUSINESS OFFICE CONTRACTING **ACQUISITION DIVISION BUILDING 1-1333 ARMISTEAD & MACOMB STREET FORT BRAGG NC 28310		7. ADMINISTERED BY (If other than item 6) CODE <b>DAKF40</b>  BETTY J. PARKER PARKERBJ@BRAGG.ARMY.MIL 910-396-4362 FAX 910-396-5603 FORT BRAGG NC 28310					
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. <b>DAKF40-02-R-0013</b>	
				X		9B. DATED (SEE ITEM 11) <b>16-Aug-2002</b>	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.  Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.</b> <b>IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  <b>SEE PAGE 2</b>							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED  <b>11-Sep-2002</b>	

1. The purpose of this amendment is to correct CLIN 0001AA, revise Statement of Work(SOW), and respond to questions from prospective Offerors.
2. CLIN 0001AA is corrected to read Two(2) R-11 Type Chiller not Three(3) R-11 Type Chillers and the One(1) R-12 Type Chiller remains the same for BUILDING E-2823.
3. The SOW is hereby revised to add paragraph 5 and 6 to Item 4, Principal Features and add an additional paragraph to Item 6, Special Scheduling and Worksite Conditions as follows:

#### **ITEM 4. PRINCIPAL FEATURES:**

(5) Before starting retrofit work, the successful contractor shall be responsible for hiring an independent, manufacturer's authorized representative to perform capacity, efficiency, and energy consumption tests of the chillers. The contractor shall provide these certified tests to the COR. The tests will establish a baseline for chiller performance. Before starting refrigerant change or any work, the contractor shall guarantee that the chiller shall meet or exceed the performance standards established by the initial capacity, efficiency, and energy consumption tests after refrigerant change out and engineering changes.

(6) Upon completion of work, the contractor shall be responsible for hiring an independent, manufacturer's authorized representative to perform capacity, efficiency, and energy consumption tests of the chillers. The contractor shall provide these certified tests to the COR to verify that the chiller performance meets the specifications. In the event the final capacity, efficiency, and energy consumption tests indicate any or all the chillers do not meet, in whole or part, the initial baseline chiller performance test standards, the contractor must show that such failure was beyond its control and not the result of its own fault or negligence. In determining if such failure is excusable, the Contracting Officer will consider, along with all other relevant information, the quality of supplies and equipment used in the retrofit along with the workmanship, expertise, and experience of the contractor's employees that performed the retrofit.

#### **ITEM 6. SPECIAL SCHEDULING AND WORKSITE CONDITIONS:**

Chillers and chiller plants are Government owned and Contractor (Honeywell) operated and maintained. The successful contractor shall coordinate all efforts with Honeywell chiller operators. All damages to equipment and interference to plant operations are the responsibility of the contractor and the contractor shall be help financially liable.

4. The following is provided in response to questions from prospective Offerors:

### **QUESTIONS FROM CONTRACTORS AND RESPONSES ON SOLICITATION DAKF40-02-R-0013**

**QUESTION 1:** A spreadsheet was submitted requesting the following information for each chiller unit: 1) Evaporator-CW Inlet/Outlet/Flow rate and Refrigerant Pressure; 2) Compressor-Gear Ratio/# of States/Motor HP & Speed; 3) Condensor-CDW Inlet/Outlet/Flow rate and Refrig. Pressure; and 4) Economizer 1-Diverted flow rate & temp/Pressure, and Economizer 2-Diverted flow rate & temp/Pressure.

**RESPONSE:** When the efficiency tests are performed (as referenced herein, Item 4, Paragraph 5) this will address the request for information listed in spreadsheet.

**QUESTION 2:** Are only the people who attended the site visit allowed to submit proposals? If no, why would the Government consider a proposal from someone who didn't investigate the units?

**RESPONSE:** No. The government will review and evaluate all proposals in response to the solicitation.

**QUESTION 3:** How will you check the capacity and efficiency of the units after the conversion? Can we let one or the other drop – which is normal in a Trane conversion?

**RESPONSE:** Refer to new language herein, Item 4. Principal Features.

**QUESTION 4:** What if original chiller capacity and energy consumption per ton can not be accomplished?

**RESPONSE:** Refer to new language herein, Item 4. Principal Features.

**QUESTION 5:** How will original tonnage and efficiencies be verified?

**RESPONSE:** Refer to new language herein, Item 4. Principal Features.

**QUESTION 6:** Do we need to provide temporary cooling during retrofit?

**RESPONSE:** The Contractor shall schedule the work during the cool weather so that temporary cooling will not be required. If this condition cannot be met, in buildings where multiple chillers are located, the work shall be staggered so that only one chiller will be offline and retrofitted at a time to allow for continuous operations of the units.

**QUESTION 7:** Are mechanical rooms in compliance with ASHARE standard 15-1994?

**RESPONSE:** According to the facilities maintenance branch at Fort Bragg, the mechanical rooms are not in compliance with the ASHARE standard.

**QUESTION 8:** Who is responsible for shipping refrigerant containers to ODC reserve in Richmond, VA?

**RESPONSE:** The Contractor is responsible for shipping the containers to the ODC reserve in Richmond, VA.

**QUESTION 9:** Any replacement/upgrades of chiller controls to be included in scope? Several units have obsolete microprocessor control panels.

**RESPONSE:** No.

**QUESTION 10:** Who assumes ownership of the chiller hardware replaced during conversions?

**RESPONSE:** Contractor.

**QUESTION 11:** Is any additional cleaning or oil removal required on refrigerant before it is shipped to Richmond, VA?

**RESPONSE:** No.

**QUESTION 12:** Who's responsible for shipping costs? {page 7 of 64 (6)}?

**RESPONSE:** Contractor.

**QUESTION 13:** Who disposes of oil?

**RESPONSE:** Contractor.

**QUESTION 14:** Scope calls for chiller to maintain original tonnage and kW {page 6 of 64 (4)}. Each chiller may have several options for conversions. Can multiple prices be submitted on each chiller? McQuay chillers can be regearied/new impellers to maintain tonnage but kW will increase from original design. Request that tonnage reductions be considered (up to 10%) and design based on .00025 fouling factor on condenser and evaporator tubes.

**RESPONSE:** No.

**QUESTION 15:** Confirming bid may be broken down and awarded per chiller (brand specific) or per building or total package?

**RESPONSE:** Yes. Refer to Note 5 in the solicitation, under Section 00010.

**QUESTION 16:** Confirming contractor can “no bid” certain individual chillers and still be considered for other chillers.

**RESPONSE:** Yes. Refer to Note 5 under Section 00010 of the solicitation.

**QUESTION 17:** Parts (bearings, etc.) not normally associated with conversions may be found worn or damaged, which cannot be identified before conversions. Will Contractor be responsible for cost of these parts?

**RESPONSE:** No.

**QUESTION 18:** Confirming no equipment room refrigerant monitoring/ventilation upgrades are included in solicitation.

**RESPONSE:** Yes.

**QUESTION 19:** Confirming Trane unit in Building N-6002 is not included in Scope of Work.

**RESPONSE:** The Trane unit in Building N-6002 is not included in Scope of Work as stated in Amendment 5 to solicitation.

**QUESTION 20:** In the Statement of Work item 4:a:4 states the Contractor shall ensure that the original chiller capacity and energy consumption per ton is maintained after the retrofit is completed. I need as much information as you can provide, specifically for the Trane and York units.

**RESPONSE:** Refer to new language herein, Section 4. Principal Features.

**QUESTION 21:** A conversion project such as this one requires the installation of a Refrigerant Monitor and Equipment Room Exhaust System. Such installations would put you in compliance with ASHRAE Standard 15 Safety Code for Mechanical Refrigeration. References to such installations are not included in the Scope of Work. My question is “Are all bidders to exclude such installations from their quotes?”

**RESPONSE:** Yes.

**QUESTION 22:** We believe there’s another McQuay Model PEH 063 CFC-500 Centrifugal chiller located at Commissary on base which could be converted to HFC-134a refrigerant. Suggest adding it to scope.

**RESPONSE:** Not at this time.

5. All other terms and conditions remain unchanged.

(End of Summary of Changes)